

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 09 MAR 2005

Internal Application No
PCT/EP 03/09808

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08F287/00 C08F297/04 C08L51/00 C08L53/02 C08L25/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C08L C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/85816 A (GAUSEPOHL HERMANN ; BASF AG (DE); DESBOIS PHILIPPE (DE); SCHADE CHR) 15 November 2001 (2001-11-15) * Ansprüche 1,2,5,6,9,12-17 ; Tabelle 2 Beispiel H1 ; Seite 5, Zeile 25-27 ; Seite 4, Zeile 13 - Seite 5, Zeile 15 ; Seite 3, Zeile 15-26 * page 2, lines 32-34 -----	1-9
X	US 4 153 647 A (GLUKHOVSKOI VLADIMIR S ET AL) 8 May 1979 (1979-05-08) * Anspruch 9 ; Tabelle 1 Beispiel 1,2, in besonders "Impact resistance by Sharpy" ; Beispiele * abstract ----- -/-	1-7

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

9 February 2004

19.05.2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 307 818 A (BASF AG) 22 March 1989 (1989-03-22) * Ansprüche 1-8 ; Beispiele * -----	1-5
P,X	WO 03/035709 A (GAUSEPOHL HERMANN ; BASF AG (DE); DEMETER JÜRGEN (DE); DESBOIS PHI) 1 May 2003 (2003-05-01) * Ansprüche 1-10 ; Zusammenfassung ; Beispiele * -----	1-5
Y	WO 00/32662 A (MOEDERSHEIM NORBERT ; BASF AG (DE); MOORS RAINER (DE); SCHWABEN HAN) 8 June 2000 (2000-06-08) abstract; claims 1-5 -----	1-9
Y	WO 99/67308 A (GAUSEPOHL HERMANN ; BASF AG (DE); DESBOIS PHILIPPE (DE); SCHADE CHR) 29 December 1999 (1999-12-29) abstract; claims 1-14; table III -----	1-9
A	WO 99/40135 A (GAUSEPOHL HERMANN ; BASF AG (DE); MOORS RAINER (DE); FISCHER WOLFGA) 12 August 1999 (1999-08-12) abstract; example 12 -----	1-9
A	EP 0 460 497 A (BASF AG) 11 December 1991 (1991-12-11) abstract; claims 1,2; examples 1,2 -----	1-9
A	US 4 493 922 A (GAUSEPOHL HERMANN ET AL) 15 January 1985 (1985-01-15) column 4, lines 17-19; examples 1-3 -----	1-9

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

Continuation of Box II

The International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims 1-9

Anionically polymerised impact-resistant polystyrene, characterised in that it has a melt volume-flow rate (MVR) of at least 8 cm³/10 min measured according to EN ISO 1133 at a test temperature of 200°C with a nominal load of 5 kg.

Claim 5 discloses thermoplastic moulding compounds.

Claims 6 to 9 disclose a method for producing impact-resistant polystyrene as defined in claims 1 to 4.

2. Claims 10-11

An initiator composition and use thereof for an anionic polymerisation reaction as defined in claims 10 and 11.

3. Claims 12-13

Use of the thermoplastic moulding compounds of claim 5 or of the impact-resistant polystyrene of claims 1 to 4 in the production of mouldings or films or fibres or foams.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/03/09808

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0185816	A	15-11-2001	DE 10022504 A1 AU 6027301 A BR 0110658 A CA 2408345 A1 CN 1427855 T WO 0185816 A1 EP 1280839 A1 JP 2003532767 T US 2003139531 A1	15-11-2001 20-11-2001 11-02-2003 06-11-2002 02-07-2003 15-11-2001 05-02-2003 05-11-2003 24-07-2003
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